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DIFFEREDITIONARY v1.0

The Foundational Dictionary of DIFFERENTH, DIFFERENTICS and DIFFERENTOLOGY

Author: Giedrius Grebliunas

ORCID: 0009-0002-2135-6420

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Abstract

DIFFEREDITIONARY is the foundational terminology reference of the DIFFERENTH framework.

Its purpose is to establish a coherent and standardized vocabulary for DIFFERENTH, DIFFERENTICS, DIFFERENTOLOGY, ADP-TRIFORMER, and related theoretical developments.

The dictionary defines the primary concepts, principles, entities, relationships, and methodological terms used throughout the DIFFERENTH system.

This publication serves as the official terminology baseline for future DIFFERENTICS publications, theoretical developments, formal models, and interdisciplinary research.

1. Introduction

Scientific disciplines require a consistent and stable terminology.

The purpose of DIFFEREDITIONARY is to establish a unified conceptual language for the study of Difference and for the theoretical framework developed under DIFFERENTH.

The dictionary is intended to provide precise definitions of the core concepts, principles, methodological constructs, and theoretical entities used throughout DIFFERENTICS and DIFFERENTOLOGY.

Whenever future documents introduce new concepts, the terminology established within DIFFEREDITIONARY shall serve as the primary reference framework.

2. Foundational Concepts

DIFFERENTH

Definition

DIFFERENTH is the General Logic of Difference.

It is a conceptual framework that investigates the emergence, identification, relations, interactions, recursion, and transformation of differences, together with the structures, processes, and phenomena arising from them.

Role within the Framework

DIFFERENTH serves as the foundational conceptual system from which DIFFERENTICS, DIFFERENTOLOGY, and ADP-TRIFORMER derive their terminology and methodological orientation.

Difference

Definition

Difference is the condition by which one identifiable state, entity, relation, process, or phenomenon can be distinguished from another.

Difference constitutes the minimal prerequisite for identification.

Principle

Without Difference, there is no Identification.

Distinction

Definition

A Distinction is the act, process, or result of recognizing a Difference.

A Distinction transforms Difference into identifiable form.

Identification

Definition

Identification is the recognition of a Difference sufficient to distinguish one state, object, relation, or phenomenon from another.

Every Identification presupposes at least one Difference.

State

Definition

A State is a distinguishable condition of a system, entity, process, or phenomenon at a given moment or within a specified context.

Change

Definition

Change is the transition from one identifiable State to another identifiable State.

Change necessarily implies Difference between the preceding and subsequent conditions.

Structure

Definition

Structure is an organized configuration generated by relations among Differences.

Foundational Principle

Relations among Differences generate Structure.

Dynamics

Definition

Dynamics is the behavior, activity, or evolution of a system generated by interactions among Differences.

Foundational Principle

Interactions among Differences generate Dynamics.

Diversity

Definition

Diversity is the multiplicity of distinguishable forms, states, entities, or phenomena arising through recursive generation of Differences.

Foundational Principle

Recursion among Differences generates Diversity.

Connection

Definition

Connection is a relational linkage established between Differences through causal, structural, informational, or functional association.

Foundational Principle

CERELATH among Differences generates Connection.

3. Core Principles

RELATH

Definition

RELATH is the principle describing the existence and organization of relationships among Differences.

RELATH focuses on how Differences become mutually related and form coherent configurations.

Foundational Statement

Relations among Differences generate Structure.

INTERACTH

Definition

INTERACTH is the principle describing the interaction of Differences.

It investigates how Differences influence, modify, reinforce, or transform one another through interaction.

Foundational Statement

Interactions among Differences generate Dynamics.

RECURSITH

Definition

RECURSITH is the principle describing the recursive generation of Differences.

Through recursive processes, existing Differences produce new Differences, leading to increasing complexity and diversity.

Foundational Statement

Recursion among Differences generates Diversity.

CERELATH

Definition

CERELATH (Cause and Effect Relationship) is the principle describing causal relationships among Differences.

CERELATH investigates how one Difference contributes to the emergence, modification, stabilization, or transformation of another.

Foundational Statement

CERELATH among Differences generates Connection.

CONNECTH

Definition

CONNECTH is the principle describing the formation and maintenance of connections among Differences.

CONNECTH represents the resulting network of relationships established through RELATH, INTERACTH, RECURSITH, and CERELATH.

VOLUMENTH

Definition

VOLUMENTH is the principle describing the increase, decrease, amplification, reduction, or scaling of Differences.

It investigates how variations in magnitude affect structural stability, diversity, and system organization.

VOLUMENTH contributes to the preservation of systemic coherence while allowing variation and uniqueness among individual manifestations.

4. Methodological Concepts

ADP

Definition

ADP represents the triadic analytical model consisting of:

- Algorithm;
- Data;
- Processor.

ADP serves as a general framework for analyzing processes, transformations, and information systems.

ADP-TRIFORMER

Definition

ADP-TRIFORMER is the primary methodological framework of DIFFERENTH.

It integrates Algorithm, Data, and Processor into a unified analytical model for investigating Difference-driven phenomena.

Purpose

ADP-TRIFORMER provides a universal methodology for examining:

- Structures;
- Dynamics;
- Diversity;

- Connections;
- Emergent phenomena.

5. Foundational Models

TRITRANS

Definition

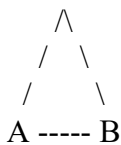
TRITRANS (Transformation Triangle) is a conceptual model describing transformation through Difference.

The model consists of three elements:

- A;
- B;
- DIFFERENTH.

Representation:

DIFFERENTH



TRITRANS illustrates how Difference mediates transformation between distinguishable states.

DIXOR

Definition

DIXOR is the pure Difference Operator within the DIFFERENTH framework.

The concept is derived from the XOR logical operation and is used to represent the minimal formal expression of detectable Difference.

Purpose

DIXOR serves as an abstract model for the identification of Difference within logical, informational, computational, and theoretical systems.

Difference Relation

Definition

A Difference Relation is an identifiable relationship existing between two or more Differences.

Difference Relations constitute the primary building blocks of Structure.

Difference Interaction

Definition

A Difference Interaction is a process through which two or more Differences influence one another.

Difference Interactions constitute the primary source of Dynamics.

Difference Recursion

Definition

Difference Recursion is a process whereby existing Differences generate new Differences through repeated transformation and interaction.

Difference Recursion constitutes the primary source of Diversity.

6. Disciplines

DIFFERENTICS

Definition

DIFFERENTICS is the scientific and academic discipline dedicated to the study of Differences, their relations, interactions, recursion, and the structures, processes, and emergent phenomena arising from them.

Primary Objective

To establish a systematic and interdisciplinary science of Difference.

DIFFERENTOLOGY

Definition

DIFFERENTOLOGY is the philosophical and ontological study of Difference.

It investigates the role of Difference in existence, reality, knowledge, meaning, identity, and becoming.

Primary Objective

To develop a philosophical understanding of Difference as a foundational aspect of reality.

General Logic of Difference

Definition

The General Logic of Difference is the overarching conceptual framework established by DIFFERENTH.

Its purpose is to provide a universal language for describing, analyzing, and understanding Difference across multiple domains of inquiry.

7. Closing Statement

DIFFEREDITIONARY v1.0 establishes the initial terminology framework of DIFFERENTH, DIFFERENTICS, and DIFFERENTOLOGY.

The definitions contained within this publication serve as the official conceptual reference for future publications, methodological developments, formal models, and theoretical research associated with the DIFFERENTH framework.

This document constitutes the first public terminology baseline of the DIFFERENTH system as formulated in 2026.

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